

Technical Datasheet

Polyethylene furanoate (PEF)

Property	Specification	
	PEF MP ¹⁾	PEF SSP ²⁾
Intrinsic viscosity	0.5 - 0.6 dl/g	0.7 - 0.8 dl/g
Relative viscosity	ca. 1.7	ca. 1.9
Water content	< 0,02%	< 0,01%
T _G	86 - 87°C	94 - 95°C
T _m	210-211°C	210-211°C
M _w	> 30'000 g/mol	> 50'000 g/mol
M _n	> 10'000 g/mol	> 20'000 g/mol
Polydispersity Index	2.6 - 2.7	2.4 - 2.6
Colour values	L: 46,24; a: +3,18; b: +19,82	L: 68,51; a: -1,72; b: +18,87

- 1) melt polycondensation
- 2) solid state polycondensation